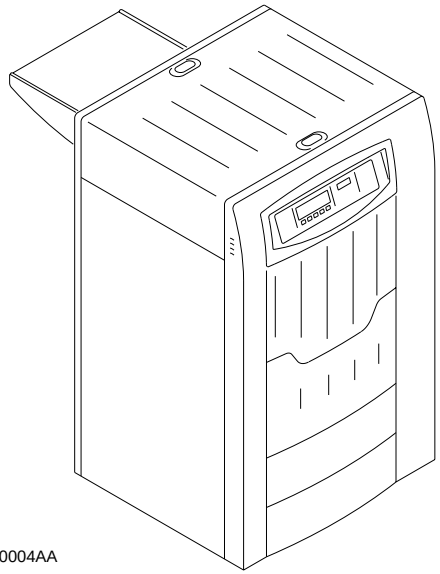
Publication No. 5B6343
January 1996
Supersedes October 1995

COMPONENT LOCATOR
for the
Kodak X-Omat 5000 RA PROCESSOR



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Section 1: List of Electrical Components

Component	Designator	Description	Page
CIRCUIT BOARDS	2000 BD	CONTROL INTERFACE	9, 12, 16
	3000 BD	DISPLAY	12, 17
	5000 BD	MICROPROCESSOR	14, 15
	6000 BD	FILM ACCUMULATOR	8, 12, 17
	7000 BD	DRIVE INTERLOCK	12, 17
	8000 BD	CURRENT SENSE	14
CIRCUIT BREAKERS	CB1	MAIN POWER	9
	CB2	PUMPS, BLOWERS, and DEVELOPER HEATER	12
	CB3	DRYER HEATER	12
	CB4	FIXER HEATER and DC POWER SUPPLIES	12
CONNECTORS	P/JA1	DC DRIVE MOTOR	18
	P/JA2	DRIVE MOTOR CONTROLLER	18
	P/J1	COMPONENT PLATE AC	13
	P/J2	COMPONENT PLATE AC	13
	P/J3	COMPONENT PLATE DC	13
	P/J4	COMPONENT PLATE DC	13
	P/J5	COMPONENT PLATE DC	13
	P/J6	DEVELOPER THERMISTOR	12
	P/J7	FIXER THERMISTOR	12
	P/J8	DRYER THERMISTOR	12
	P/J10	LEVEL SENSOR	12
	P/J11	REPLENISHMENT CALIBRATION SWITCH	12
	P/J12	ACCESSORY	12
	P/J13	RECIRCULATION PUMP	12
	P/J14	DEVELOPER REPLENISHMENT PUMP	12
	P/J15	FIXER REPLENISHMENT PUMP	12
	P/J16	DRYER HEATER	12
	P/J17	EXHAUST BLOWER	12
	P/J18	DEVELOPER HEATER	12
	P/J19	FIXER HEATER	12
	P/J20	DRYER BLOWER	12
	P/J22	SERVICE RS232 CONNECTOR	11
	P/J23	FILM COUNTER	14
	P/J24, P/J24A	WATER SUPPLY SOLENOID	10
	P/J25, P/J25A	COOLING/DRAIN SOLENOID	10

Component	Designator	Description	Page
CONNECTORS	P/J26	+5 V POWER SUPPLY PS2	14
	P/J27	+24 V POWER SUPPLY PS3	10, 14
	P/J28	MOTOR CONTROLLER to J5004/J5005	14
	P/J29	SERVICE RS232 to J5009	14
	P/J30, P/J30A	ACCESSORY WATER SOLENOID	10
	P/J100	FIXER MANAGER	12
	P/J101	SAFELIGHT RECEPTACLE	9
	J102	INTERFACE JACK	16
	J103	ESD JACK	14
	P/J110	QUAD POWER SUPPLY AC INPUT	14
	P/J210	QUAD POWER SUPPLY DC OUTPUT	14
	J2001	PROCESSOR INTERFACE	11, 16
	P/J2002	INTERFACE BOARD	16
	P/J2003	INTERFACE BOARD	16
	P/J2004	INTERFACE BOARD	16
	P/J2005	INTERFACE BOARD	16
	P/J3001	DISPLAY BOARD	17
	P/J3002	DISPLAY BOARD	17
	P/J3003	DISPLAY BOARD	17
	P/J3004	DISPLAY BOARD	17
	P/J3005	DISPLAY BOARD	17
	P/J5001	MICROPROCESSOR BOARD	15
	P/J5002	MICROPROCESSOR BOARD	15
	P/J5003	MICROPROCESSOR BOARD	15
	P/J5004	MICROPROCESSOR BOARD	15
	P/J5005	MICROPROCESSOR BOARD	15
	P/J5006	MICROPROCESSOR BOARD	15
	P/J5007	MICROPROCESSOR BOARD	15
	P/J5008	MICROPROCESSOR BOARD	15
	P/J5009	MICROPROCESSOR BOARD	15
	P/J6001	FILM ACCUMULATOR BOARD	17
	P/J6002	FILM ACCUMULATOR BOARD	17
	P/J6003	FILM ACCUMULATOR BOARD	17
	P/J7001	DRIVE INTERLOCK BOARD	17
	P/J7002	DRIVE INTERLOCK BOARD	17
	P/J7003	DRIVE INTERLOCK BOARD	17
	P/J8001	CURRENT SENSE BOARD	14
DIODES	CR2	WASH WATER SOLENOID	10
	CR3	COOLING/DRAIN SOLENOID	10
	CR4	ACCESSORY WATER SOLENOID	10

Component	Designator	Description	Page
FILTERS	FL1	EMI FILTER, PUMPS, BLOWERS, and DEVELOPER HEATER	13
	FL2	EMI FILTER, DRYER HEATER	13
	FL3	EMI FILTER, FIXER HEATER, and FL5	13
	FL4	EMI FILTER, SAFELIGHT RECEPTACLE	13
	FL5	EMI FILTER, DC POWER SUPPLIES	14
FUSES	F1, F2	BUCK BOOST TRANSFORMER	13
	F3, F4	SAFELIGHT RECEPTACLE	13
	PS1F1	QUAD POWER SUPPLY	14
	PS2F11	+5 V POWER SUPPLY PS2	14
	PS3F11	+24 V POWER SUPPLY PS3	14
HEATERS	HR1	DRYER HEATER	9
	HR3	DEVELOPER HEATER	10
	HR4	FIXER HEATER	10
INTEGRATED CIRCUITS	U5006	EPROM, BOOTSTRAP	15
	U5021	CLOCK/MEMORY MODULE	15
	U6018	EPROM, BOOTSTRAP	17
LEDs and INDICATORS	DS1	FIXER HEATER LED	15
	DS2	FIXER REPLENISHMENT PUMP LED	15
	DS3	DEVELOPER REPLENISHMENT PUMP LED	15
	DS4	DEVELOPER HEATER LED	15
	DS5	DRYER HEATER LED	15
	DS7	DRYER BLOWER LED	15
	DS8	RECIRCULATION PUMP LED	15
	DS9	SOLUTION HEATER ENABLE LED	15
	DS10	SAFELIGHT RECEPTACLE LED	15
	DS11	EXHAUST BLOWER LED	15
	DS14	DEVELOPER COOLING SOLENOID LED	15
	DS15	WASH WATER SOLENOID LED	15
	DS18	5000 BOARD STATUS LED	15
MOTORS and PUMPS	B1	DRYER BLOWER MOTOR	9
	B2	EXHAUST BLOWER	9
	B3	DEVELOPER REPLENISHMENT PUMP	8
	B4	FIXER REPLENISHMENT PUMP	8
	B5	RECIRCULATION PUMP	8
	B6	DC DRIVE MOTOR	8
	B10	DISPLAY COOLING FAN	8
POWER SUPPLIES	PS1	QUAD POWER SUPPLY	14
	PS2	+ 5 V DC POWER SUPPLY	14
	PS3	+ 24 V DC POWER SUPPLY	14

Component	Designator	Description	Page
RELAYS	K1	DRYER HEATER ENABLE RELAY	14
	K5002	DRYER BLOWER MOTOR RELAY	15
	K5003	RECIRCULATION PUMP RELAY	15
	K5004	DEVELOPER/FIXER HEATER ENABLE RELAY	15
	K5005	SAFELIGHT RECEPTACLE	15
	K5006	EXHAUST BLOWER	15
RESISTORS	R2	MOTOR TORQUE ADJUST	18
	R4	MOTOR SPEED ADJUST	18
	R21	MOTOR ACCELERATION ADJUST	18
	R2011	DISPLAY BRIGHTNESS	16
	R3057	DISPLAY DIM SENSITIVITY	17
	R6050	ALARM VOLUME	17
SENSORS and SWITCHES	S1	DRIVE SIDE FILM DETECTOR SWITCH	8
	S2	NONDRIVE SIDE FILM DETECTOR SWITCH	8
	S3	NONDRIVE SIDE COVER INTERLOCK SWITCH	8
	S4	DRIVE SIDE COVER INTERLOCK SWITCH	8
	S5	REPLENISHMENT CALIBRATION SWITCH	8
	S7	MANUAL RESET OVERTEMPERATURE SWITCH	9
		DEVELOPER and FIXER LEVEL SENSOR	8
	S3001	3000 BOARD	17
	S5002	5000 BOARD	15
SOLENOIDS and INDUCTORS	L1	WASH WATER SOLENOID	10
	L2	COOLING/DRAIN SOLENOID	8
SOLID STATE RELAYS	SSR-U1	DRYER HEATER RELAY	14
	SSR-U2	DEVELOPER HEATER RELAY	14
	SSR-U3	DEVELOPER REPLENISHMENT RELAY	14
	SSR-U4	FIXER REPLENISMENT PUMP RELAY	14
	SSR-U5	FIXER HEATER RELAY	14
SUPPRESSORS	A1	K5006 RELAY	14
	A2	K1 RELAY	14
	A3	K5003 RELAY	14

Component	Designator	Description	Page
TERMINAL BLOCKS	TB1	MAIN AC POWER INPUT	9
	TB2	AC POWER SELECTION/DISTRIBUTION	9, 13
	TB3	AC POWER SELECTION/DISTRIBUTION	9, 13
	TB4	COMPONENT PLATE AC POWER	13
	TB5	ELECTRICAL BOX AC POWER	14
	TB6	ELECTRICAL BOX DC ELECTRONICS	14
	TB8001	8000 BOARD	14
	TB8002	8000 BOARD	14
TEST POINTS 5000 Bd	TP MOTDRV	ANALOG MOTOR DRIVE SIGNAL	15
	TP MOTFB	MOTOR FEEDBACK	15
THERMISTORS	RT1	DEVELOPER THERMISTOR	10
	RT2	FIXER THERMISTOR	10
	RT3	DRYER THERMISTOR	9
TRANSFORMER	T1	BUCK-BOOST TRANSFORMER	13
VARISTORS	RV1	SSR-U1	14
	RV2	SSR-U2	14
	RV3	SSR-U3	14
	RV4	SSR-U4	14
	RV5	SSR-U5	14
MISCELLANEOUS	A4	DRIVE MOTOR CONTROLLER	12, 18
	LS6001	ALARM	17
	M1	FILM COUNTER	14

Section 2: Location of Components

Figure 1 **Receive End and Top View**

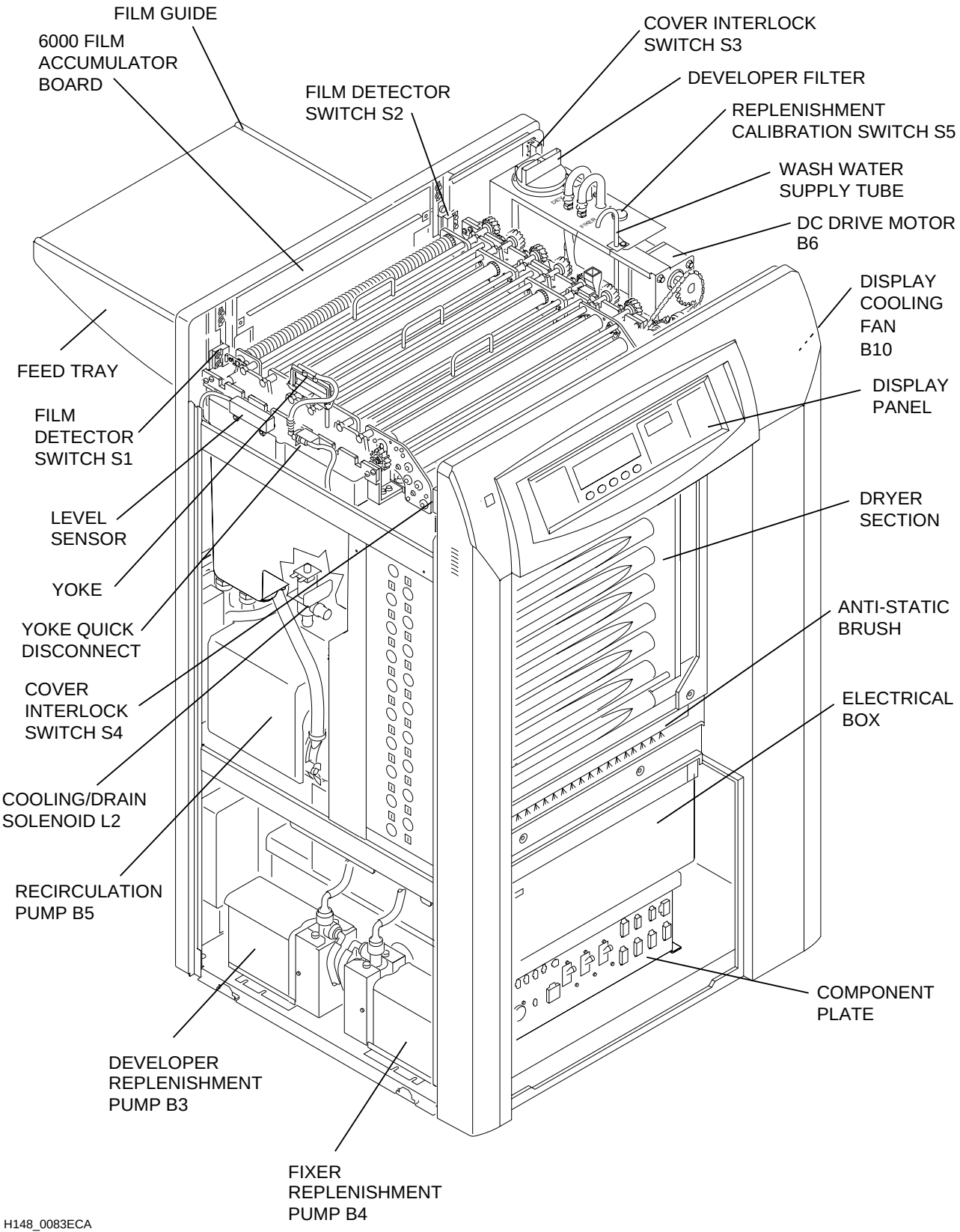

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Figure 2 **Feed End View - Electrical**

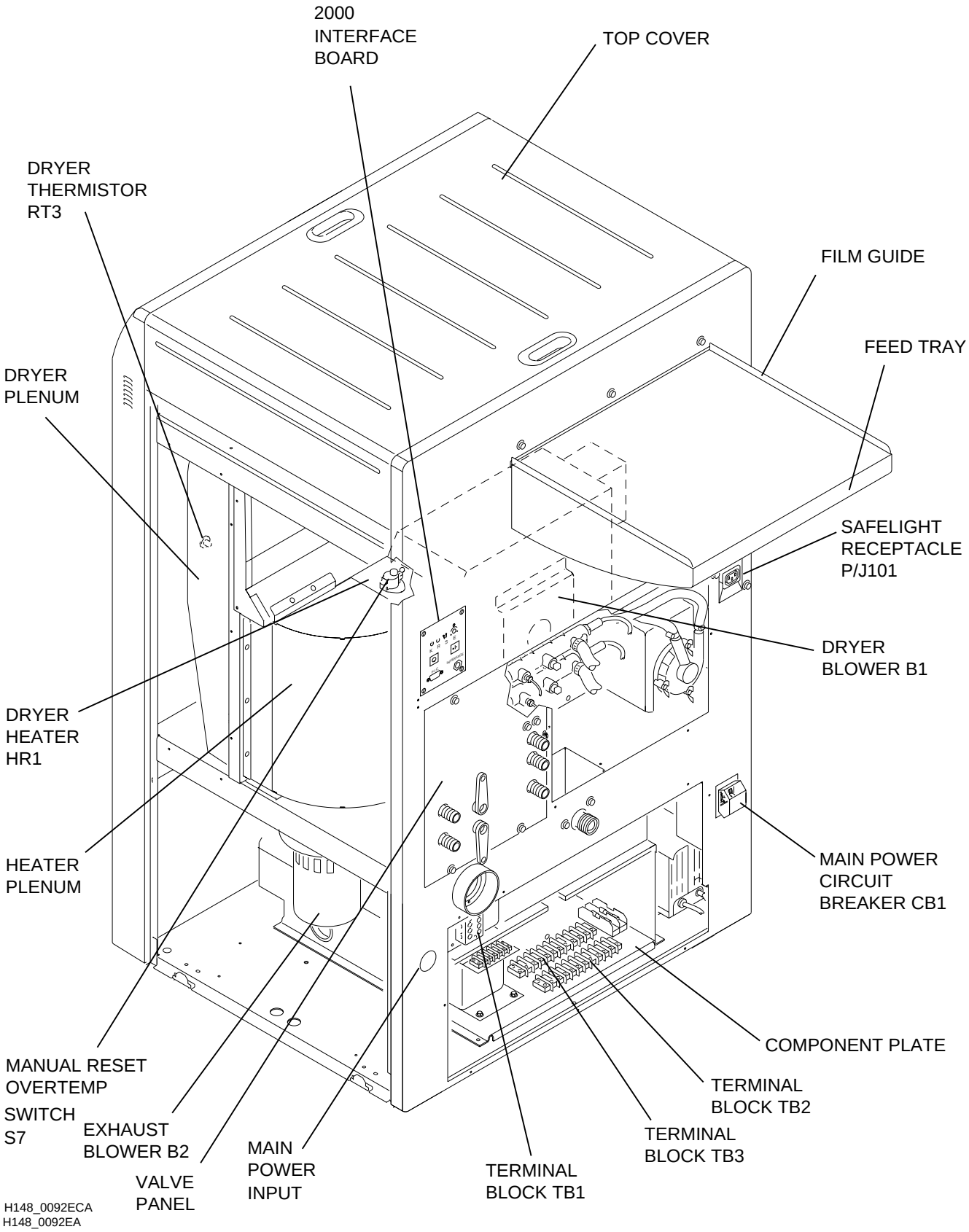

Figure 3 **Feed End View - Plumbing**

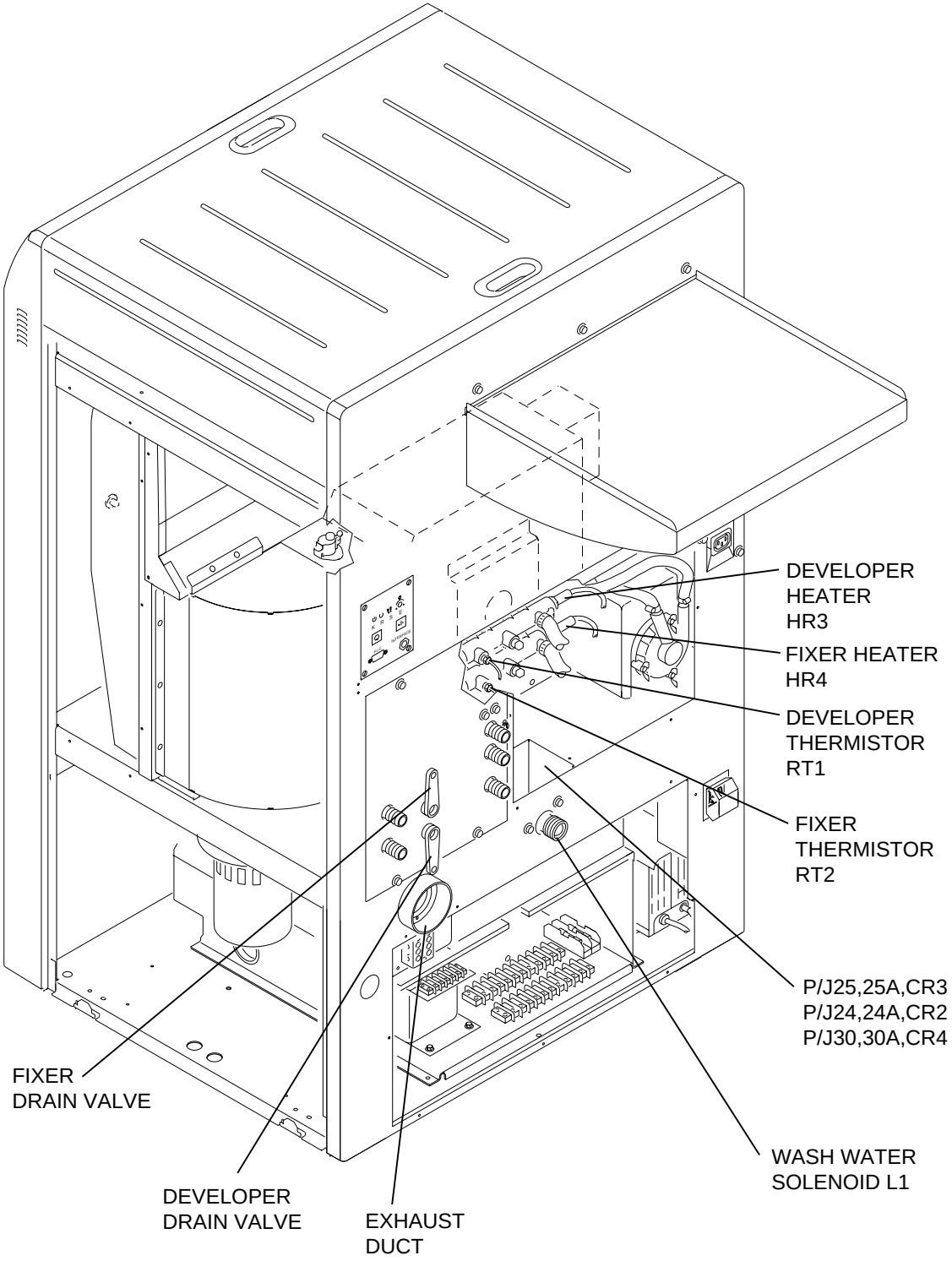

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Figure 4 **CROSSOVERS**

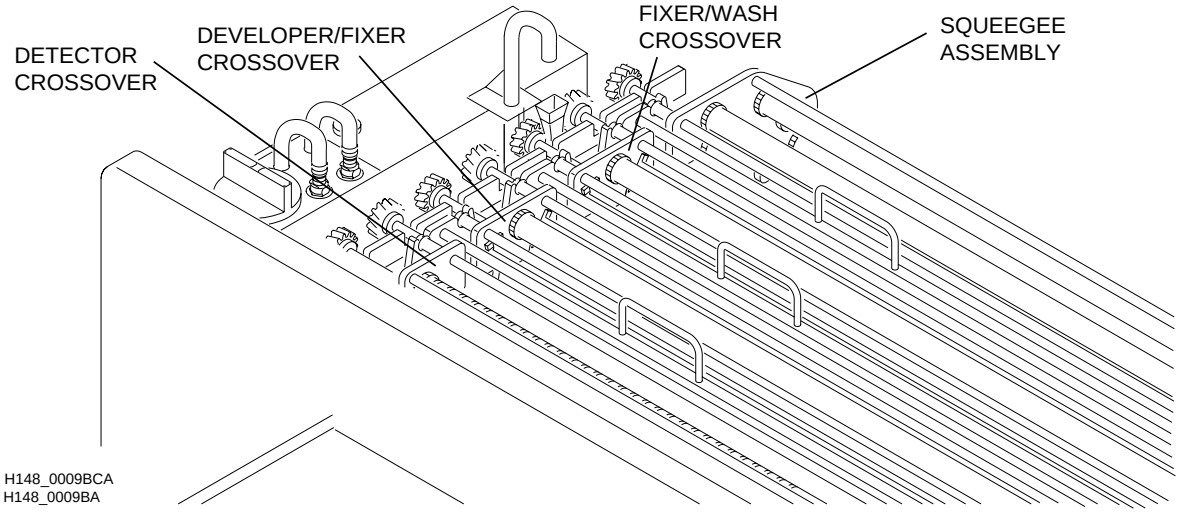

Figure 5 **RACKS**

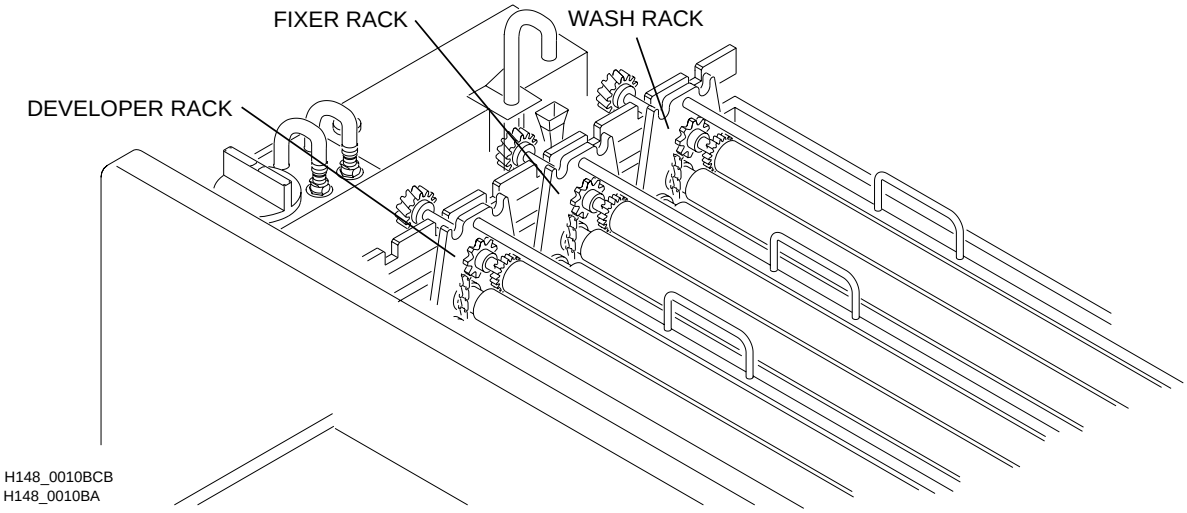

Figure 6 **PROCESSOR INTERFACE CONNECTOR**

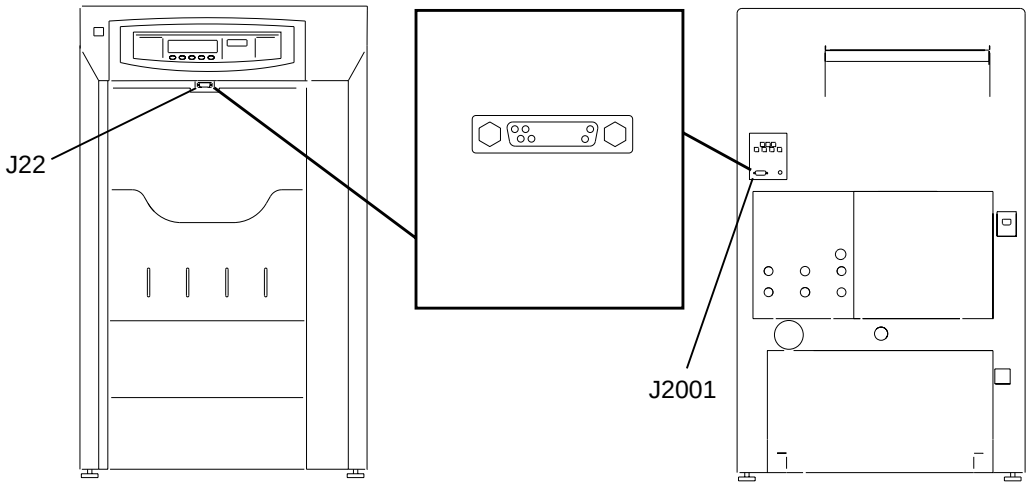

Figure 7 **CIRCUIT BOARDS and COMPONENT PLATE, Front**

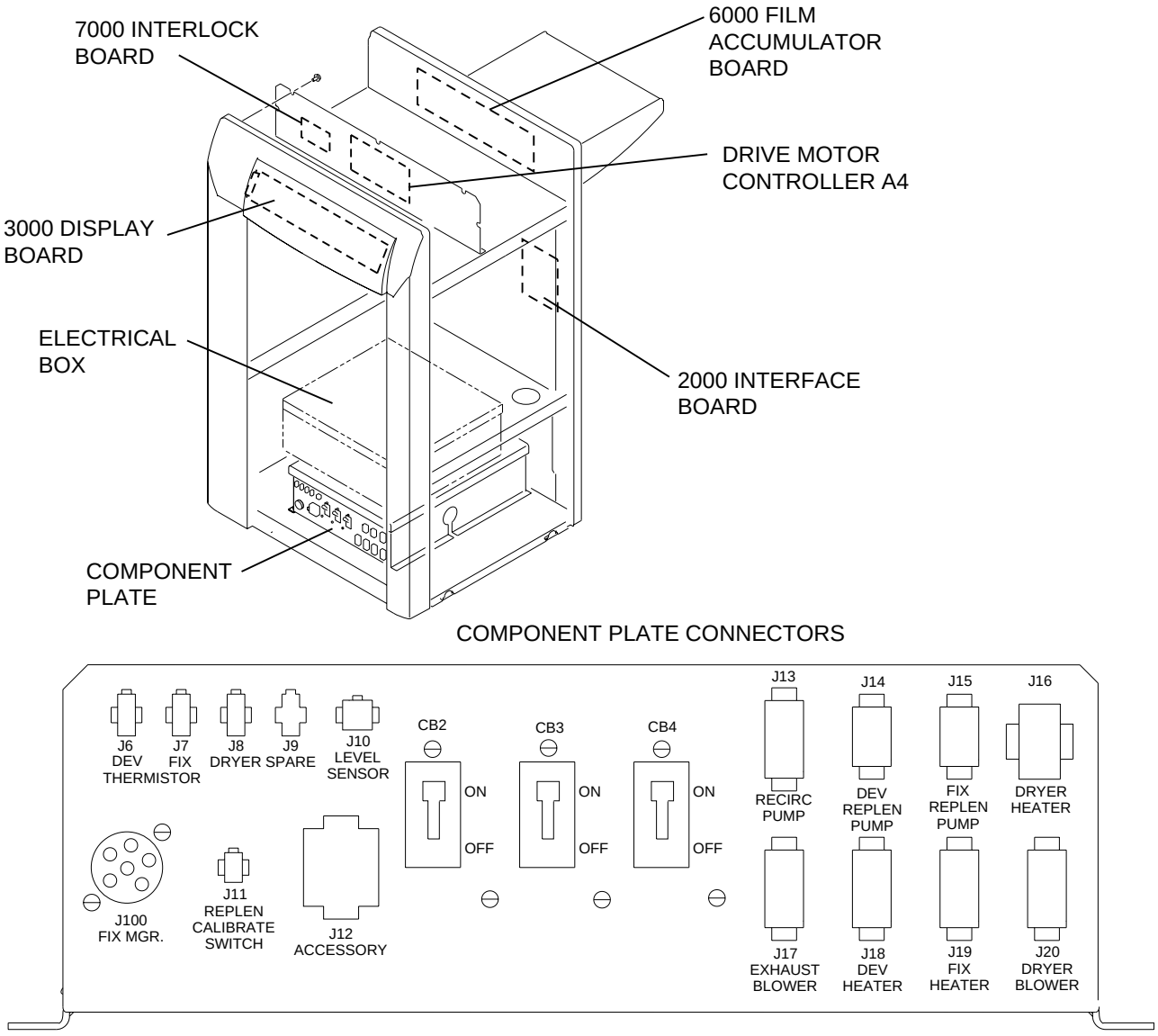

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Figure 8 **COMPONENT PLATE**

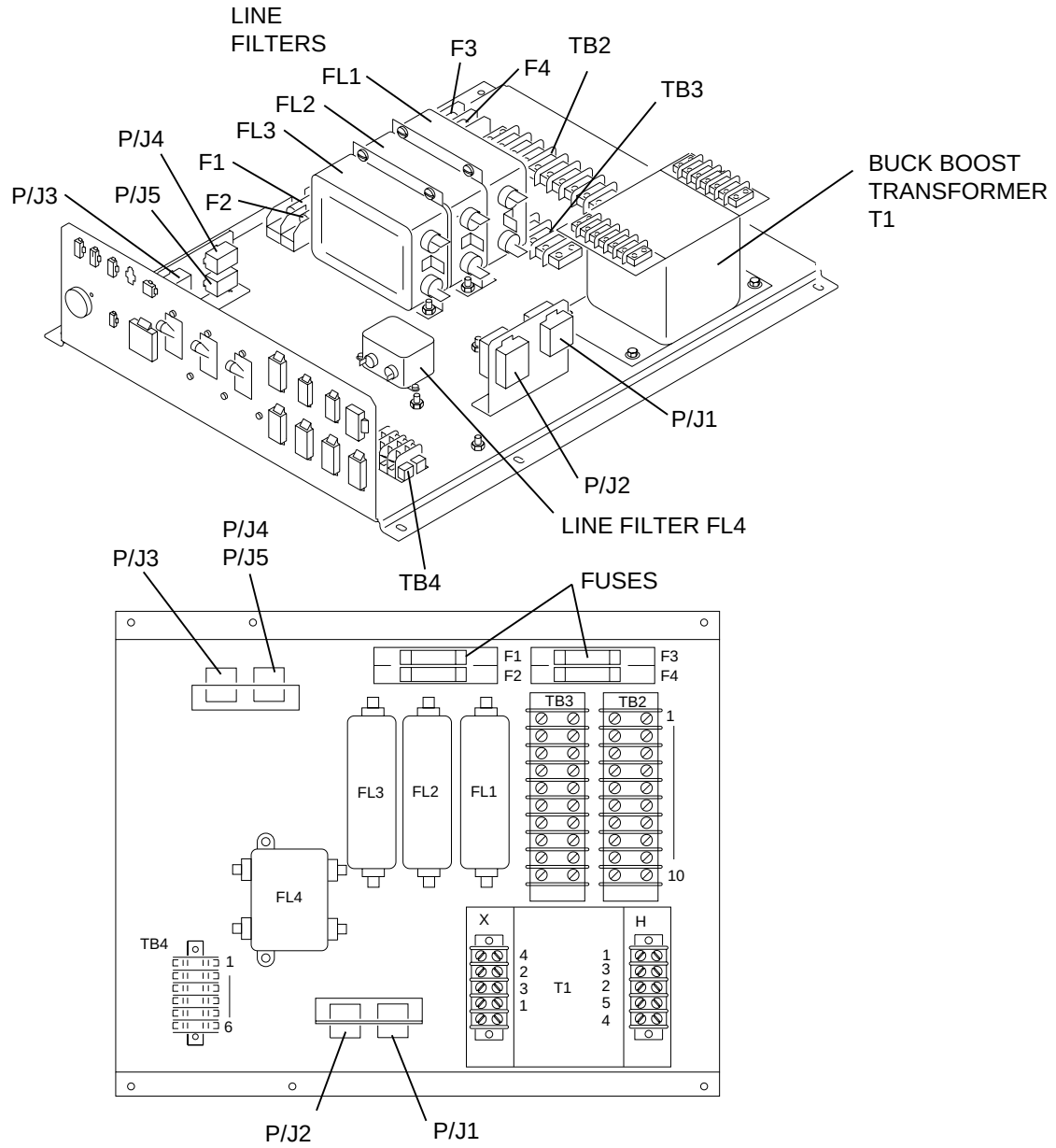

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Figure 9 **ELECTRICAL BOX**

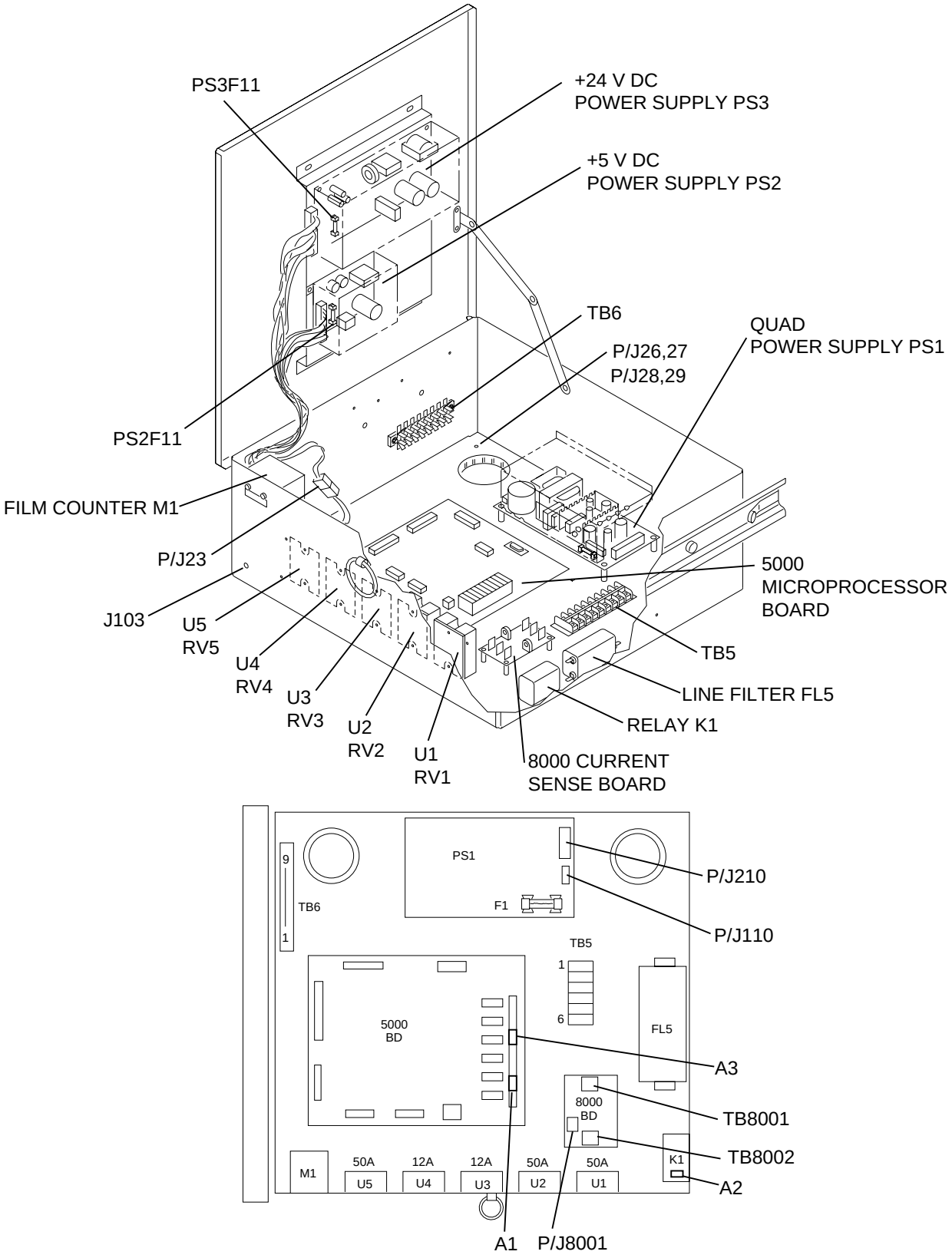

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Figure 10 **5000 BOARD, MICROPROCESSOR**

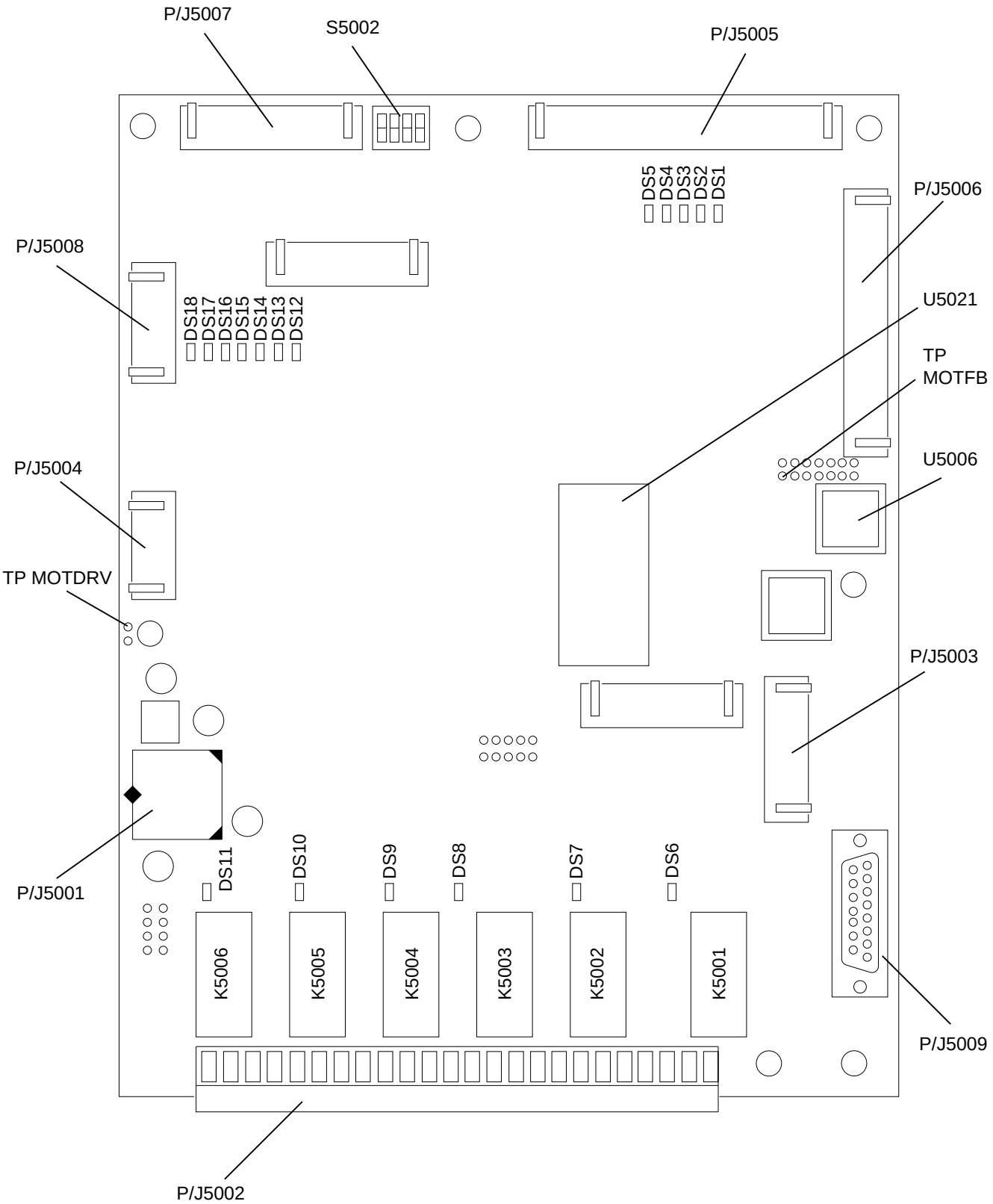

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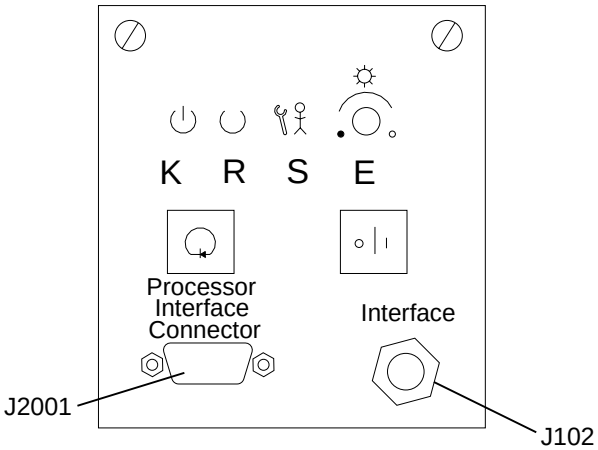
Figure 11 **2000 BOARD, CONTROL INTERFACE**



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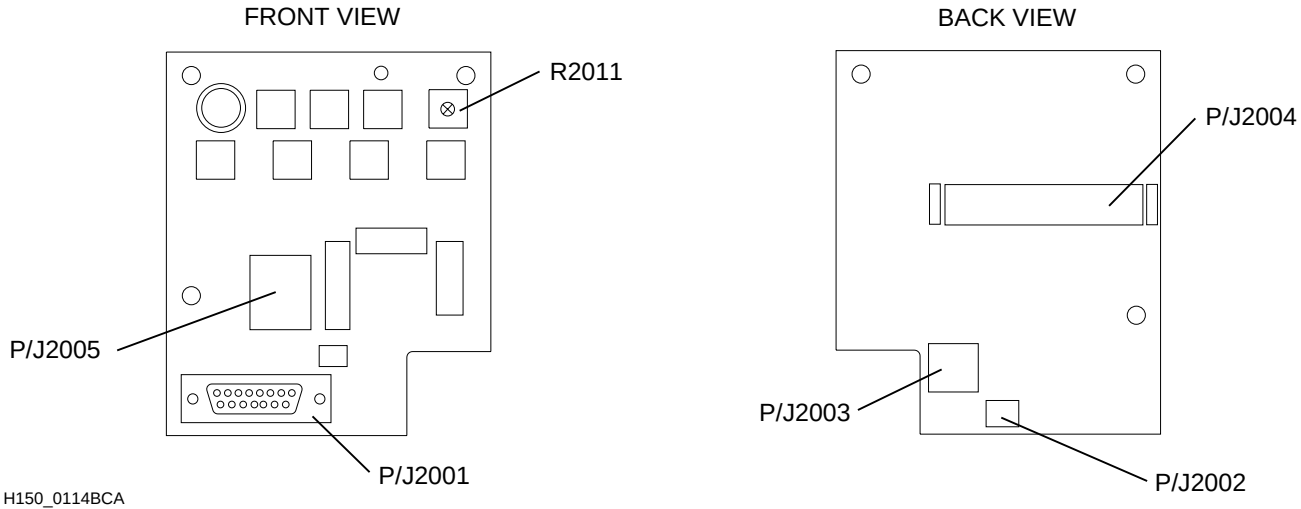

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Figure 12 **3000 BOARD, DISPLAY**

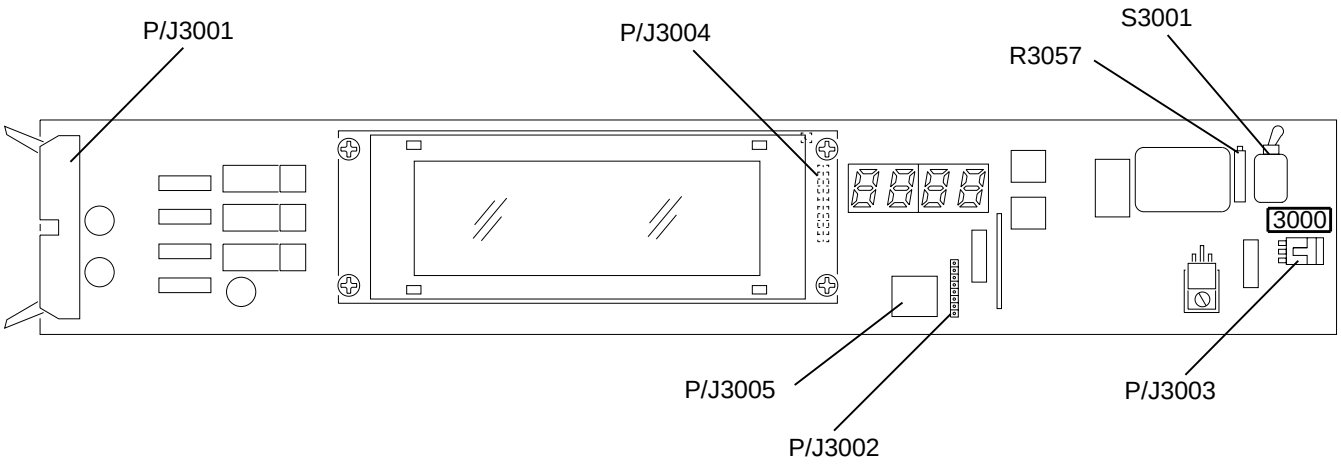

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Figure 13 **6000 BOARD, FILM ACCUMULATOR**

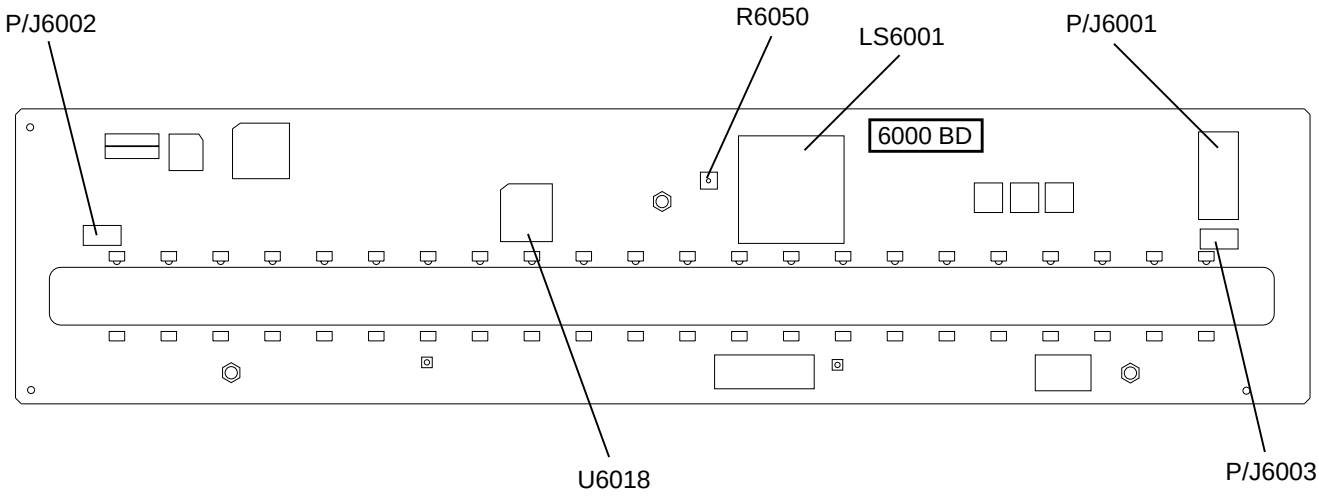

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Figure 14 **7000 BOARD, DRIVE INTERLOCK**

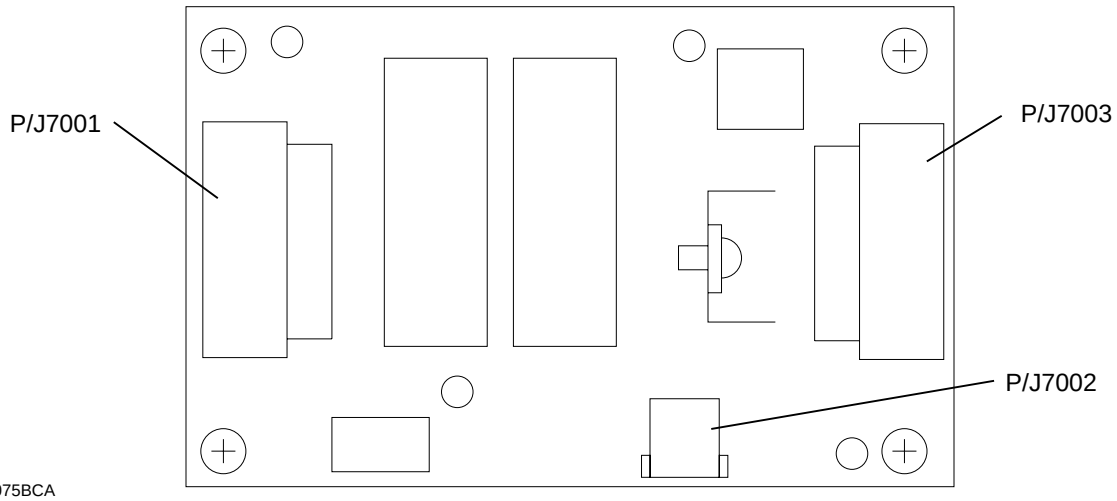

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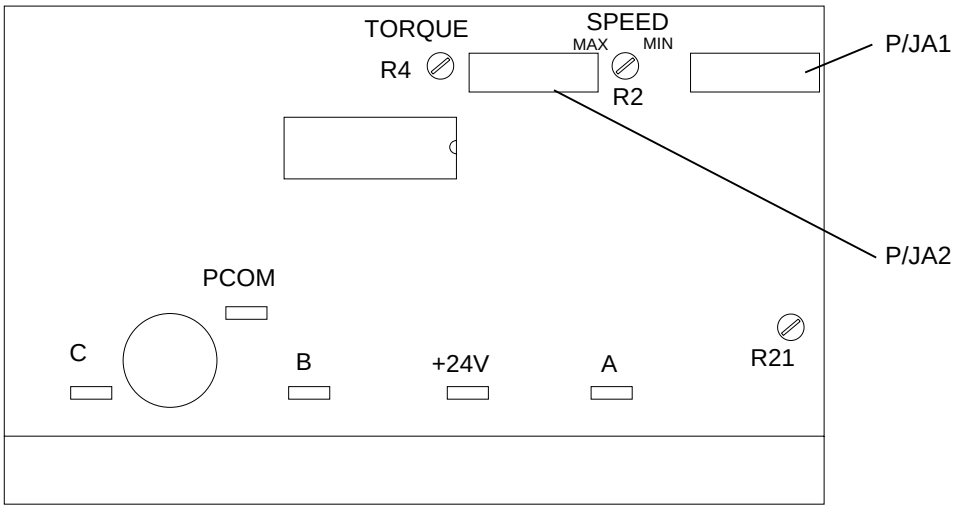
Figure 15 **DRIVE MOTOR CONTROLLER A4**



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Section 3: Publication History

Print Date	Pub. No.	ECO No.	Affected Pages	File Name	Notes
October 1995	5B6343	2649-029	All	cl3425_1_029.doc	First printing.
January 1996	5B6343	2649-062	Covers	cl3425_1_062.doc	Graphic Unification.
January 1998	5B6343	2649-062	All	cl342500.fm	First CD-ROM printing. Content is identical to January 1996 version; formatting may vary from print version.

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